MEETINGS OF SCIENTIFIC BODIES

Held during the ensuing week.

TUESDAY, 27.—Institn. of Civil Engineers, 8 P.M.

WEDNESDAY, 28.—Society of Arts, 8 P.M.

THURSDAY, 29.—Royal Society, 8½ P.M.; Society of Antiquaries, 8 P.M.

TO CORRESPONDENTS.

"*Brick Kilns.*"—A correspondent asks for the best and most improved plan of building brick kilns.

"*Paint for External Work.*"—A correspondent solicits "a recipe for the best external paint or colouring to effectually prevent rain penetrating brickwork in exposed situations,—economy and durability accompanying beauty of effect."

Received.—" R. C." (shall hear from us. We think better of the material than of the number of the pattern book forwarded to us, and therefore give no opinion at this moment); " J. B." (communication shall be returned, if not used); " J. N." (the squares are mostly private property); " J. F." " F. N." " J. J. S." (paper not sent as promised); " P. E. N." (stamp being six months old will make no difference. A license is necessary); " G. N." " J. Is." " R. L. F." " W. W." " F. D." " T. B." " P. N." " J. B." (we are unable to give the information); " C. J. D." (shall hear from us. Well done!); " Lover of Convenient Architecture" (we are not disposed to "put down" cornices, &c.); " E. S." (scarcely desirable); " W. C." " W. B. (we do not know); " O. T." declined with thanks; "The Picture Collector's Manual, adapted to the Professional Man, and the Amateur," by James B. Hobbes: T. and W. Boone, 29, New Bond-street."

ERRATA.—Page 114, for "Jamiculan Gate," read "*Janiculan*;" and for "Lungo l'Aroro," read "*Lungo l'Arno.*" The examples were from drawings by Mr. Ricardo.

NOTICE.—All communications respecting *advertisements* should be addressed to the "Publisher," and not to the "Editor;" all other communications should be addressed to the EDITOR, and *not* to the publisher.

"*Books, Prices, and Addresses.*"—We have not time to point out books or find addresses.

ADVERTISEMENTS.

WHITE SUFFOLK and RED FACING BRICKS, of superior quality. Moulded Bricks to any pattern.—Apply to Mr. BENJAMIN GOUGH, 2, Newington-crescent, Newington-butts.

N.B. Cowley and Kent Bricks of every description, and Kentish Rag Stone direct from the Quarries.

TO ARCHITECTS, BUILDERS, AND RAILWAY CONTRACTORS.

BRICKS and TILES, plain and moulded, manufactured in a superior manner, from fine beds of clay on the Earl of Leicester's estate at Holkham, of red, blue, and Bath stone colours, both for plain and ornamental work. Specimens to be seen at Smallfield's Wharf, Commercial-road, Lambeth (near Waterloo bridge), consisting of plain bricks of the usual size for building purposes, moulded bricks for forming Tudor chimney shafts, of various designs, label mouldings, cornices, copings, window sills, dressings for windows and doors, mullions, rides, skirtings, &c. Also roofing and paving tiles of an ornamental character in the same materials. The moulded bricks are fully equal to the best specimens referred to under the articles "Brickwork," in Nos. 260 and 261, of "The Builder."

Just published, 8vo., price 1s., or sent post free for 1s. 6d.

BIELEFELD'S TARIFF of PAPIER MACHE FRAMES, containing Its Engravings; including the machine-made frame mouldings, which may be had in 12 feet lengths without join, or made up complete.

"The frames of Mr. Bielefeld possess the best characteristic of fine carving."—*Art Union Journal.*

"The work Mr. Bielefeld has perfected is one of remarkable elaborateness and beauty."—*Douglas Jerrold.*

By Her Majesty's royal letters patent.—The Works, 15, Wellington-street North, Strand.

CALIFORNIA.—CAUTION.—Emigrants, Shippers, and Others, are earnest against being misled by advertisements relating to the sale of GALVANISED IRON for exportation. Any persons importing Galvanised Tinned Iron or Galvanised Iron of any description whatever into California or any other part of the United States without the sanction of the undersigned is wilfully and will render themselves liable to heavy penalties, which have been and will continue to be enforced, together with the stoppage of their goods, as the undersigned hold all the patents upon that subject for that country, and alone have the right of importing, manufacturing, or selling galvanised metal in California or any other part of the American States. They have given no sanction to any persons in England to sell or grant licences for those countries.—MOREWOOD and ROGERS.

N. and R. will be happy to afford to any person desirous of shipping, or using Galvanised Tinned Iron, the requisite information, or any explanation desired, so to be great utility and applicability for the roofing of houses, the construction of stores, and all other purposes for which iron not subject to rust is required.

Steel-yard Wharf, Upper Thames-street, London.

PATENT CORRUGATED GIRDERS, ROOFS, DOORS, &c., either Galvanized or Painted.—WALKER'S and HOLLAND (late Richard Walker), the patentees of the above, having noticed in some publications the announcement of a patent having been obtained for Wrought-iron Girders, Fire-proof Ceilings and Columns, distinctly assert that they have manufactured and erected the above articles some years past, and are therefore prepared to execute any kind of work where corrugated iron may be introduced, and as cheaply as will insure the continued patronage of all parties concerned.—Plans and every information may be had on application at 121, Leadenhall-street, and the Works, Grange-road, Bermondsey.

FIRE-PROOF BUILDINGS.—PORTER'S PATENT.—By an improved mode of applying Corrugated Iron in the construction of Floors, Roofs, &c., for which Patents have recently been granted to John Henderson Porter, Buildings of every class can be rendered Fire-proof at a very trifling increase of cost, and without any increase of weight,—while from the absence of cast-iron and timber greater security is obtained, in point of strength, than by the ordinary method of construction.

PORTER'S PATENT BEAMS and GIRDERS of CORRUGATED IRON, on account of their remarkable stiffness, are particularly suitable for buildings and bridges: they are 30 per cent. lighter, and 20 per cent. cheaper, than other wrought-iron beams of equal strength.—Manufactory, Iron Building and Roofing Works, Southwark; Office, 2, Adelaide-place, London-bridge, City.

INCREASED ECONOMY in BUILDING, combined with PROTECTION from FIRE, &c.—The following advantages result from the adoption of the "PATENT FIRE-PROOF FLOORS and ROOFS, viz.:—

Security from Fire.
Great Economy of Construction.
Increased Durability.
Protection from Dry rot and from noxious Insects and Vermin.

The economy of this system is very considerable; its cost, as compared with the common method of fire-proof building, being about one half; while, as compared with the ordinary timber floors, it effects a saving of from 15 to 20 per cent. The entire freedom from lateral thrust, in this method of building, gives it a further advantage over the plan of iron girders and brick arches. The system is applicable to all classes of buildings. It has been introduced at the Middlesex Hospital, where it can be seen at any time, and all information obtained of Messrs. FOX and HALLETT, Leicester Chambers, 46, Leicester-square.

BUILDERS and CARPENTERS' IRONMONGERY WAREHOUSE, 18, Blandford-street, Manchester-square, leading out of Baker-street, Portman-square. Lists of prices may be obtained on pre-paid application.
JOHN and EDWIN YOUNG, Proprietors.

SMOKY CHIMNEYS and VENTILATION.—DAVY'S improved SIMPLEX WINDGUARD is cheaper, more durable, and less unsightly than any other chimney pot. It continually ventilates the apartment, and is guaranteed to cure all chimneys smoking from wind. It may be seen and tested at M. JEAN'S, 31, Great Russell-street, Bloomsbury. Price in galvanised iron, 21s.—Prospectuses forwarded on application. Licenses granted, and the trade supplied with the above; and also DAVY'S ORIGINAL WINDGUARD, made of a more durable material.—A liberal discount allowed.

SMOKY CHIMNEYS.—"NO CURE NO PAY."

J. WILSON, Bricklayer and Surveyor of Chimneys, 1, Vale place, Hammersmith, begs to inform Architects, Surveyors, Builders, and others, that he can guarantee a perfect cure of chimneys from smoking into rooms, and on the equitable terms of "No cure no pay." References and testimonials of the highest respectability can be given.

N.B. WILSON & CO.'S PATENT CHIMNEY POTS for the Cure of Smoky Chimneys, which have been extensively tested for the last four years, can be forwarded to any part of the Kingdom on receipt of a Post-office order. Prices and prospectuses by return of post. Licenses granted to manufacturers.

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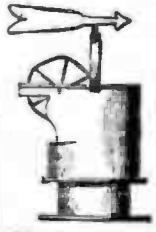

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FOR THE
CURE OF SMOKY CHIMNEYS,
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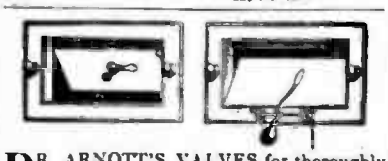
A liberal discount to Ironmongers and Builders.



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For carrying off Heated and Impure Air from Bed-rooms Sitting-rooms, Counting-houses, and Apartments generally.

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First size, 11 by 8		Second size, 16 by 9	
Plain Iron Valve	7 6		10 0
Brassed and Lacquered	9 0		14 0
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Packing Cases if required, 1s. 2d. each.

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IMPROVED SELF-ACTING CHIMNEY VENTILATORS.

FOR CARRYING OFF HEATED AND IMPURE AIR from drawing-rooms, sitting-rooms, bed-rooms, nurseries, offices, &c. &c., from 5s. each.—HART and PUTTS, Manufacturers and Ironmongers, 63, York-street, Westminster, London.

Stoves, ranges, rain-water pipes, cutters, and builders' ironmongery, as low as any house in London. Delivered free within 5 miles.

CABLE'S FUMI PORTE; or, improved CHIMNEY-TOP and VENTILATOR.

The best and cheapest invention hitherto discovered for curing smoky chimneys. Sold by the Inventor, at his agents', Lawrence and Co.'s, 55, Parliament-street, London.

N.B. Licenses granted to the trade, by Labels at per dozen, according to circumstances.

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BRITISH EMPIRE MUTUAL FIRE ASSURANCE SOCIETY, 2, New Bridge-street, Blackfriars, London.—Incorporated under Act 7 and 8 Vic. cap 110.

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Persons whose assurances expire at Lady-day, are reminded of the great advantages offered by this, the only London Fire Office on the Mutual Principle.

The whole profits belong to the members. Last will be divided every three years, and part appropriated to a reserved fund.

Prospectuses and full particulars may be obtained of any of the Society's agents, or at the head office, as above.

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W. S. GOVER, Secretary.

ZINC! ZINC! ZINC!—To Builders and Others.—F. HARLAND, of No. 1, Mount Pleasant, Mile-end-road, begs to call the attention of the above to the following List of his Prices for Zinc Work fixed complete:—

4 in. gutter	4d.	3 in. pipe	4½d.
5½ in. ditto	5½d.	4½ in. ditto	6d.
5 in. ditto	5d.	5 in. ditto	8½d.

Coronice gutter, 8d. per foot, fixed.

Flats and verandahs covered, and cisterns lined, at 4d. per foot.

BURBIDGE and HEALY, 130, FLEET-STREET, LONDON, beg respectfully to inform the Building Public that they fit up COOKING APPARATUSES for large Mansions, with patent appliances on scientific principles, which ensure greater economy and efficacy than hitherto attained. Also HOT WATER APPARATUS upon improved and scientific principles—which they recommend for its peculiar safety for the Warming of Mansions &c.

They fit up Laundries with Hot Water Apparatus for Drying in a cleanly, expeditious and safe manner. They also fit up BATHS with elegant arrangements, with every modern scientific improvement, and Apparatus for the plentiful supply of Hot Water for Baths and general use of Mansions and large establishments.

HOT-WATER APPARATUS.—The attention of architects, builders, and others is respectfully requested to BENJAMIN FOWLER'S superior method of heating churches, chapels, halls, staircases, conservatories, forcing and greenhouses, manufactories and warehouses, kilns, rooms for drying timber, &c., and every variety of purpose for which artificial heat is required. Within the last twenty years some hundreds of buildings have been heated upon this plan, and the parties for whom they were executed are constantly expressing their satisfaction, also their willingness to vouch for their efficiency. An improved wrought-iron boiler, which requires no brick-work, may be seen in action upon the premises.—BENJAMIN FOWLER, 63, Dorset-street, Fleet-street.

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RAIN-WATER PIPES, Heads, Shoes, and Elbows, half-round and O G Gutters, Sash Weights, Casting Bars, Pitch Grattings, Air Bricks, close and open Cast Plates, Berg pans, Table Lamps, Holloware Pans, malleable cast nave wheels, &c. CAST and WROUGHT IRON WORK for STABLE FITTINGS, viz.—Mangers, Hay-racks, Ramps, Cills, Stable Traps, Gratings, &c. GAS and WATER-PIPES, bends branches, Tee pieces, syphons, and lamp columns; also hot-water pipes for heating buildings and hot-houses, and FLANGE PIPES, with all the usual connections. A large stock of the above CASTINGS at very low prices, at JONES'S, Iron Bridge Wharf, No. 6, Bankside, Southwark.

FLEXIBLE INDIA-RUBBER PIPES AND TUBING,
For Railway Companies, Brewers, Distillers, Fire Engines, Gas Companies, Gardening and Agricultural purposes, &c.

THE PATENT VULCANIZED INDIA-RUBBER HOSE PIPES are unable to stand hot liquids and acids without injury—do not become hard or stiff in any temperature but are always perfectly flexible and as they require no application of oil or dressing, are particularly well adapted for locomotive engines, railway cranes, fire engines, pumps, gas, beer engines, garden, and all purposes where a perfectly flexible pipe is required. Made all sizes, from ¼ inch bore upwards, and of any length to order. Vulcanized India rubber garden hose fitted with brass caps, copper unions, &c., complete, ready to be attached to pumps, water mains, or cisterns. Sole manufacturer, JAMES LYNE HANCOCK, Orsett-terrace, Bayswater-road, London.

N.B. Vulcanized India-rubber washers of all sizes for joints or hot-water and steam pipes, and vulcanized sheet rubber any thickness for all kinds of joints and other purposes.

SNOXELL'S PATENT SAFETY REVOLVING WOOD SHUTTERS, Manufactory, 24, REGENT-PASSAGE, and 121, CHANCERY-LANE. Patent sealed on the 6th day of February, 1845, for Fourteen Years, for Improvements in Rendering Shutters of WOOD and IRON, consisting of Six Methods of Raising and Lowering Shutters without Machinery, and Two for Hanging and Sheathing the Backs of Wood Laths with Iron. The Patentee having fixed up some hundreds, will feel pleased in forwarding the Testimonials of Architects, Principals of large Establishments, and others, having them now in use, which fully guarantee the Patentee in stating they are beyond dispute superior to any other Revolving Shutter for durability, security, and simplicity, without the use of cog-wheel work and screw gear, or any other complicated machinery employed by other makers.

BUNNETT and Co., ENGINEERS, Patentees of
REVOLVING IRON AND WOOD SAFETY SHUTTERS,
and of
ORNAMENTAL METALLIC SASH BARS, MOULDINGS, &c., IN BRASS, COPPER, ZINC, &c.
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Shop-fronts completely fitted and fixed in a superior style, either plain or ornamental, also glazed with best plate glass. Strong moulded skylights handsomely carved. Metal work and machinery of all kinds in connection with bank and dwelling-house, shops, warehouses, &c. &c.

B. and Co. challenge competition as to either quality or price.

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Office of the Patentees, 29, Leonard-street, London; and at the Works, Deptford, Kent.

GEORGE JENNINGS, Patentee of the SHOP-SHUTTER SHOE and FASTENER.
INDIA-RUBBER TAP-COCK.
IMPROVED WATER-CLOSET, without PAN or VALVE.
JOINTS for CONNECTING LEAD or other PIPES without SOLDER.
IMPROVED CLOSET VALVES.

The Patentee begs to refer to the following (one of very many) Testimonial in favour of the above-mentioned Patents:—

Southampton, February 21, 1846.

Dear Sir,—I beg to acknowledge and thank you for your plans, sections, and descriptions of improved water-closets, valves, and cocks. It appears to me that you have eminently succeeded in the adaptation of India-rubber for the various purposes of the most important parts of plumber's work, and I sincerely hope that your intentions may meet with every success.

I remain, dear Sir, yours respectfully,
JOSEPH HILL.

Mr. Geo. Jennings, 29, Great Charlotte-street, Blackfriars-road.

For Drawings and Testimonials see "The Builder," January 6.

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